

## ABSTRACT

A method for managing a code sequence according to a first embodiment of the present invention is disclosed. Sets of  $n$  contiguous sample values that include sample values in a plurality of sample sequences are accessed. Sets of  $n$  contiguous coefficients are accessed. The sample values in each of the plurality of sets of sample values that are accessed are processed in parallel with corresponding coefficients that are accessed. Each of the plurality of sets of sample values are processed during a different time step.